Light alloy slabs—pre-heated in special continuous electric furnaces—can be reduced by three-quarters of an inch with only one pass through this powerful hot-rolling mill.

The reduction of the roll-gap is automatically controlled by electrically-operated vertical screws, the exact amount being graphically shown to the engineer in charge by means of a large clock-face indicator calibrated in one-hundredths of an inch.

To ensure the production of high-quality light alloys, exact laboratory and shop control of temperature and process is essential at every stage.

Birmetals Limited have developed the most rigid routine control methods and installed a wealth of the world's most modern and most accurate machinery to produce the very finest quality of sheet and extruded sections, etc., in the strong light alloys, including "Elektron" magnesium alloys.

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